



# The Indianapolis Radio Club Newsletter

Founded 1914

*"The oldest continuously operating Amateur Radio Club in the United States"*

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## *December 2012 Newsletter*

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### **Next Meeting:**

January 11: Power Surge Suppression

February 8: Legacy meeting featuring 10 meters

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### **Highlights from the December Christmas Dinner:**

There were around 70 members and guests in attendance at the Castleton MCL. Dallas Evans, Educator/Curator, Natural Science Collection with the Indianapolis Children's Museum, gave a very interesting and entertaining talk about the Museum's "digs" to South Dakota, complete with some examples of the artifacts that are found.

Outgoing club president, Jerry Skoll, KC9DTB, read the Christmas card received by former club treasurer Jay Willever, K9LJW.

Dave Spoelstra, N9KT, was nominated for the office of president of the club, that was left open at last month's meeting. Dave was voted in unanimously by voice vote.

Hank Wolfla, K9LZJ, talked a bit about a new SDR radio from India that is capable of receiving 8 bands simultaneously. Look for more on this radio later in this newsletter, as well as at a later meeting.

Pat Dailey, N2DKB, received the "oldest ham" award. The remaining awards will be presented at a later meeting.

## **Ham Radio News:**

### **POSTAGE RATES GOING UP IN JANUARY**

The United States Postal Service (USPS) announced price increases that will take place effective on Sunday, January 29, 2013. The USPS also announced the introduction of “a First-Class Mail Global Forever Stamp”, which “will allow customers to mail letters anywhere in the world for one set price of \$1.10”. The main changes that effect Amateur Radio operators are as follows:

Letters (1 oz.) — 1 cent increase to 46 cents

Letters to all international destinations (1 oz.) — \$1.10 (currently \$1.05)

Postcards — 1 cent increase to 33 cents

Point your browser to [http://about.usps.com/news/national-releases/2012/pr12\\_114.htm](http://about.usps.com/news/national-releases/2012/pr12_114.htm) for all of the details.

### **NEW SDR RIG WITH 7 RECEIVERS ON BOARD**

Description: The Apache-Labs ANAN-10 is a 10+ watt HF + 6M Software Defined Radio multimode Transceiver. The ANAN-10 is comprised of the OpenHpsdr designed Hermes 500mw transceiver board, Apache-Labs 10+ watt Power Amplifier / LPF Filter board and housing. The Hermes board is the original OpenHPSDR / TAPR Mercury, Pennylane, Metis and Excalibur (less TCXO) boards rolled into one printed circuit board. See <http://openhpsdr.org/hermes.php> for more details.

The Hermes receiver is Direct Down Conversion using a 16 bit Analog to Digital Convertor running at 122mhz. This provides the ability for continuous, uninterrupted, receive coverage from 10KHz to 55MHz. It can support up to 7 receivers (sharing the same antenna) in firmware. The Hermes V 2.0 firmware currently provides a maximum of 4 simultaneous receivers. Each receiver can display 48, 96 or 192khz of spectrum at one time.

The ANAN-10 PA/Filter board provides 3 separate antenna ports, 10+ watt power amplifier, SWR bridge, Low Pass Filtering and 13.8VDC connector. The Hermes board includes low level RF inputs/outputs and a 26 pin I/O connector, as well as 2W audio stereo speaker output, headphone, mic and key jacks.

The Hermes/ANAN-10 uses a standard RJ-45 LAN ethernet connection, no soundcard, firewire, or usb required. Firmware updates via Ethernet.

The Hermes/ANAN-10 transceiver currently uses Open Source HPSDR PowerSDR Version 2.2.5, and KK-Unified-32 (KISS) available at <http://openhpsdr.org/download.php> . Other HPSDR open source software is under development as well.

## **CLASSES COMING UP IN HENDRICKS COUNTY**

Classes in Hendricks County will be on Tuesday evenings this year, beginning on January 29, 2013. Instruction for all classes of license will be offered. Classes will run approximately 2 hours, beginning at 7:00 pm. The classes will run 8 or 9 weeks. Classes will be held at the Hendricks County Senior Center, just north of Hendricks Regional Health in Danville. Contact Jay Wright, KK9L, for more information.

## **ONE DAY TECHNICIAN CLASS COMING IN JOHNSON COUNTY**

### **This note from Jack Parker, W8ISH:**

This may be a bit early but I wanted to bring everyone up to speed on our plans to sponsor a one-day Technician License Class on Saturday February 9, 2013. If you know of someone who is interested in taking the class refer them to [secretary@midstatehams.org](mailto:secretary@midstatehams.org) .

Seating will be limited to 25 students so they should register early to insure a spot. We require all students to purchase the Technician Class License Manual, Second Edition. <http://www.arrl.org/shop/Ham-Radio-License-Manual-Revised-2nd-Edition/?page=1>

The class will be nine hours of instruction with testing to follow. The class begins promptly at 8AM in our meeting room at the Johnson County EOC.

Thanks for your help in passing the word.

Jack W8ISH

Class coordinator

## **SECOND ANNUAL BROWNSBURG HAMFEST COMING**

SECOND ANNUAL BROWNSBURG In. HAMFEST  
COMING IN FEBRUARY 2013

HAM RADIO, COMPUTER, ELECTRONICS FLEA MARKET

Saturday, February 16, 2013, running 6:00 am until 2:30 pm

Set up available on Friday, the 15th from 2:30 pm until 8:30 pm

AMERICAN LEGION POST 331  
636 E MAIN ST, BROWNSBURG, IN. 46112  
\$ 5.00 ADMISSION PLENTY OF FREE PARKING  
VENDORS: \$10 PER TABLE, \$15 WITH POWER Bring your own power strips and  
cables Table sales at the door if available both days  
FOOD SALES BY THE LADIES AUXILARY  
Sponsored by  
Hendricks County Amateur Radio Society  
<http://www.hcars.org/>  
Talk-in on 147.015 +  
NOT RESPONSIBLE FOR ACCIDENTS

## **LoTW FIX CLOSE**

Word is circulating on Logbook of the World related list servers that the promised new hardware to resolve some serious backlog issues has been delivered and installed. Reports are that the initial tests are encouraging. This report is attributed to ARRL CEO Dave Sumner, K1ZZ.

There is also a new web page available where the “queue status” of Logbook of the World entries can be monitored. Point your browser to <http://www.arrl.org/logbook-queue-status> to check it out.

## **WELCOME NEW MEMBER**

Jim Plahitko, Jr. K9JWP

## **FEEL FREE TO SHARE OUR NEWSLETTER**

If you belong to any other radio groups, please feel free to share our newsletter with them. They can also sign up to be on our mailing list by filling out the form available at <http://www.indyradioclub.org/rqstnewsletter.htm>.

## **SEND ME YOUR HAM RADIO NEWS**

If anyone has any items for the newsletter, please send them to Ken Bandy at [kj9b@arrl.net](mailto:kj9b@arrl.net)

## Signals from the Past:

### From the December, 1976 *Ama-Chewer*:

The FCC no longer needs to be told you are operating Mobile or Portable. This order has caused some problems as in DXCC where you get credit for working only fixed stations for credit. Also you should make sure you have an active QTH so you can reply within ten days should you be cited for a violation. Deleted also is the need to identify your station as being Mobile or Portable, IE the slant/ is out.

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## Upcoming Area Radio Events:

- **February 16, 2013: Brownsburg Hamfest** Go to <http://www.hcars.org/> for more information.

## 2012 Officers:

- President: Jerry Skoll, KC9DTB - ..EMAIL [gskoll@msn.com](mailto:gskoll@msn.com)
- Vice Pres.: Dave Miller, K9RTT - ..EMAIL [dmiller@ivytech.edu](mailto:dmiller@ivytech.edu)
- Secretary: Ken Bandy, KJ9B - ..EMAIL [kj9b@arrl.net](mailto:kj9b@arrl.net)
- Treasurer: Rhonda Curtis, WS9H - ..EMAIL [WS9H@comcast.net](mailto:WS9H@comcast.net)
- Chief Operator: Tom Chance, K9XV - ..EMAIL [k9xv@arrl.net](mailto:k9xv@arrl.net)
- Dir. at large: Jim Rinehart, K9RU – EMAIL [k9ru@arrl.net](mailto:k9ru@arrl.net)
- Dir. at large: Ron Cooper, WB9DKL - ..EMAIL [wb9dkl@aol.com](mailto:wb9dkl@aol.com)
- Dir. at large: Bob Begeman, W9KVK - ..EMAIL [w9kvk@juno.com](mailto:w9kvk@juno.com)
- W9JP Trustee: Don Hemenover, N9DOO – EMAIL [don9doo@lightbound.com](mailto:don9doo@lightbound.com)

## 2013 Officers:

- President: Dave Spoelstra, N9KT – EMAIL [n9kt@arrl.net](mailto:n9kt@arrl.net)
- Vice Pres.: Dave Miller, K9RTT - ..EMAIL [dmiller@ivytech.edu](mailto:dmiller@ivytech.edu)
- Secretary: Ken Bandy, KJ9B - ..EMAIL [kj9b@arrl.net](mailto:kj9b@arrl.net)
- Treasurer: Rhonda Curtis, WS9H - ..EMAIL [WS9H@comcast.net](mailto:WS9H@comcast.net)
- Chief Operator: Tom Chance, K9XV - ..EMAIL [k9xv@arrl.net](mailto:k9xv@arrl.net)
- Dir. at large: Jim Rinehart, K9RU – EMAIL [k9ru@arrl.net](mailto:k9ru@arrl.net)
- Dir. at large: Jerry Skoll, KC9DTB - ..EMAIL [gskoll@msn.com](mailto:gskoll@msn.com)
- Dir. at large: Bob Osterhous - ..EMAIL [rosterhous@iquest.net](mailto:rosterhous@iquest.net)
- W9JP Trustee: Don Hemenover, N9DOO – EMAIL [don9doo@lightbound.com](mailto:don9doo@lightbound.com)